

**University of Arkansas for Medical Sciences College of Pharmacy**  
**Courses Satisfying Prepharmacy Requirements for Applicants**  
**University of Arkansas at Pine Bluff, Pine Bluff 2015-16 Catalog**

<b>CORE Courses</b> Area/ semester hours required	<b>Courses</b> No more than 8 semester hours of CLEP, AP credit or credit by examination which must appear as credit on the transcript will be accepted to meet the CORE pre-pharmacy course requirements. It is recommended that CORE courses are taken during the regular academic year.
Mathematics – 3-5 hrs required	Math 2510 Calculus I
Chemistry – 16 hrs, 12 hrs lecture, 4 hrs lab	Chem 1330, 1130 Gen Chem I and lab Chem 1340, 1140 Gen Chem II and lab Chem 3311, 3111 Organic Chem I and lab Chem 3321, 3121 Organic Chem II and lab
Biology – 12 hrs, 9 hrs lecture, 3 hrs lab	Biol 1455 Prin Biology and lab Biol 1456 Prin Biol II and lab or Biol 1460 Gen Zoology and lab Biol 3470 Microbiology and lab
Physics – 4 hrs, 3 hrs lecture, 1 hr lab	Phys 2310, 2110 Gen Physics I and lab
<b>NON-CORE Courses</b> Area/semester hours required	<b>Courses</b> No more than 12 semester hours of CLEP, AP credit, or credit by examination which must appear as credit on the transcript will be accepted to meet the NON-CORE pre-pharmacy course requirements.
English/Communication – 9 hrs	Choose from: Eng 1311 and/or 1321 English Comp I and II Eng 2300 or higher, any course, or MCOM 2390 Oral Communications
Economics/Accounting – 3 hrs	Choose from: Econ 2310 Prin Econ I, Econ 2320 Prin Econ II or Acct 2311 Prin Accounting
Recommended Selectives – 9 hrs, minimum 3 classes	Choose from: Chem 2430 Quant Analysis Math 2520 Calculus II Math 2370 Intro Statistics Phys 2320, 2120 Gen Phys II and lab Humn 2340 Effective Thinking/Logic Biol 3460 Comparative Anatomy Biol 3440 Genetics Biol 3480 Cell Biology Chem 3412 Biochemistry
Humanities Electives (to total 69 hrs of prepharmacy)	Choose from: Survey courses in Art, Music, Theater, Literature, Philosophy, Religion, Foreign or Sign Language (Spanish is recommended if available), Psychology, Sociology, Anthropology, Geography, US or World History, Political Science or Ethics.

Courses which do not meet the Humanities Elective requirement are courses in: Health, Physical Education, Business, Science, Military Science, Education, Studio courses in Art, Music or Theater, Computer Science, Agriculture or any remedial course.

No course can be used to satisfy the requirements in more than one area. It is recommended that all courses with a lab are taken in person rather than on-line or by distance education. University declared exemptions from certain courses, e.g. English Comp I and/or II, or other courses which may be pre-pharmacy requirements; do not mean the UAMS College of Pharmacy pre-pharmacy requirement has been satisfied. Admission to the College of Pharmacy requires sixty-nine hours of specific transfer credits and unless credits in semester hours are given on a transcript, students will still have to meet the pre-pharmacy requirements of transferable hours for admission to the College of Pharmacy.

If you have questions about pre-pharmacy requirements, please contact the pre-pharmacy advisor on your campus or the UAMS College of Pharmacy Admissions (501-686-8889) or email:copadmissions@uams.edu.